

Materials and Design

- **Trap**

PE Series features a 5" trap with 1-1/2" NPT suction port, ABS strainer basket, clear polycarbonate thread-on lid, and low-friction O-ring seal. Bolt-on design.

P4 Series features an integral 6" trap with 2" NPT suction port, polystyrene strainer basket, clear polycarbonate threaded lid and O-ring seal.

PUMP BODY

- **Material**

Glass-filled thermoplastic Dura-glas with carbon black for ultraviolet resistance. 304 stainless steel volute clamp with hand knob.

- **Internals**

Bolt-on diffuser with bronze wear ring. Copper heat sink for shaft seal protection. Buna N O-ring seals. Closed impeller of polycarbonate, brass threaded hub.

- **Shaft Seal**

Mechanical seal of ceramic, carbon and stainless steel, with neoprene bellows.

MOTOR

- **Frame Size**

1/2 - 2-1/2 HP 48 frame, 3 HP 56 frame, square flange type.

- **Type**

Open, drip-proof, continuous duty. 3450 RPM 2-pole speed.

- **Design**

Capacitor start/capacitor run

- **Shaft**

Threaded, 303 grade stainless steel

- **Bearings**

203 sealed ball bearings both ends, permanent lubrication.

- **Overload**

Built-in thermal overload, automatic reset

- **Base**

Elevated, high-density polyethylene.

ELECTRICAL

- Motors are dual voltage 115/230V.

- **Voltage Range**

± 10% nameplate rating

- **Maximum Limits**

Ambient Air Temperature 50°C (122°F).

Liquid Temperature 125°F.

Pressure 50 PSI less trap, 30 PSI with trap attached.

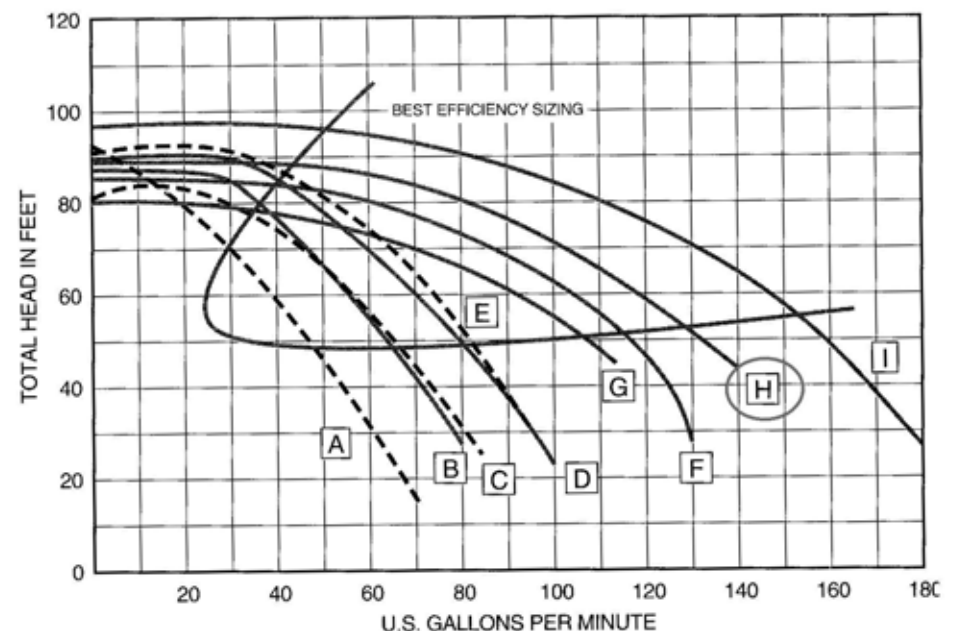
pH Range 4-9.

Certifications

The pump shall be designed to conform to National Sanitation Foundation Standard 50 Specifications with the full rated pumps being certified. All single phase pumps are U.L. Listed to Standard 1081.



Pump Performance



A. PE5CL/PEA5DL D. P4E6EL/P4EA6FL G. P4EAA6FL
 B. P4E6DL/P4EA6EL E. PE5EL/PEA5FL H. P4E6GL/P4EAA6GL
 C. PE5DL/PEA5EL F. P4E6FL/P4EA6GL I. P4E6HL

----- Max-E-Glas "PE"
 _____ Max-E-Glas II "P4E"